

**ABSTRACT OF THE DISCLOSURE**

**[000317]** The present invention provides a gene encoding a G protein-coupled receptor termed nGPCR-2644; constructs and recombinant host cells incorporating the genes; the nGPCR-2644 polypeptides encoded by the gene; antibodies to the nGPCR-2644 polypeptides; and methods of making and using all of the foregoing.